

10/527420

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
25 March 2004 (25.03.2004)

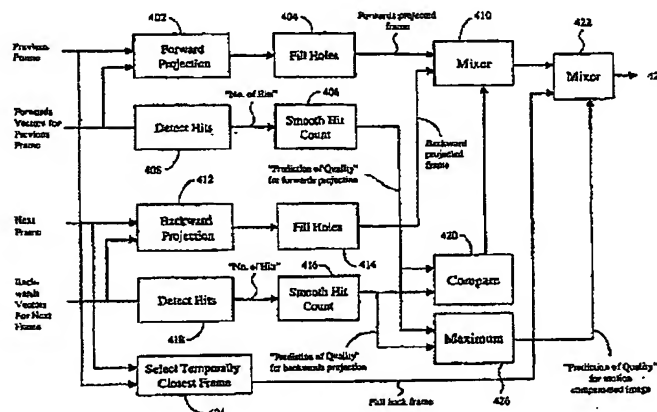
PCT

(10) International Publication Number  
**WO 2004/025958 A1**

- (51) International Patent Classification<sup>7</sup>: H04N 7/01 [GB/GB]; 7b Weston Road, Petersfield, Hampshire GU31 4JF (GB).
- (21) International Application Number: PCT/GB2003/003961 (74) Agents: GARRATT, Peter, Douglas et al.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).
- (22) International Filing Date: 12 September 2003 (12.09.2003) (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0221160.5 12 September 2002 (12.09.2002) GB
- (71) Applicant (*for all designated States except US*): SNELL & WILCOX LIMITED [GB/GB]; 6 Old Lodge Place, St. Margaret's, Twickenham, Middlesex TW1 1RQ (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): THOMSON, Rod [GB/NZ]; P.O.Box 1806, The Boat Building, 32 Settlers' Crescent, Ferrymead, Christchurch 8002 (NZ). KNEE, Michael, James [GB/GB]; 6 Woodbury Avenue, Petersfield, Hants GU32 2EE (GB). WESTON, Martin
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published: — with international search report

[Continued on next page]

(54) Title: IMPROVED VIDEO MOTION PROCESSING



(57) Abstract: In motion compensated video processing, a method of combining a plurality of pictures from an input sequence to form an output picture temporally intermediate two of the input pictures by projecting input pixels to locations on the output picture according to motion vectors assigned to the input pixels, in which the mix of input pixels used to form an output pixel takes into account the number and nature of vectors which point to a given output pixel location from each input picture. In the case where there are a plurality of vectors from one input image pointing to the output pixel location the method may assign a lower weight to input pixels from that input picture, or may make a statistical analysis of the plurality of vectors in determining the output pixel. Alternatively increased weighting may be assigned to input pixels the respective vectors of which form conjugate pairs.

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